

**What is Claimed is:**

1. A cannula (1) with protection cap (2) for medical infusion lines and the like, in which said cannula (1) comprises a hollow body (3) defining at a first end (6) a female luer lock connector (4-5) and bearing at a second end (8) an axial tubular ferrule (7), wherein said protection cap (2) is applied in removable fashion to said hollow body (3) in such a way as to enclose said tubular ferrule (7), and wherein said hollow body (3) and said protection cap (2) are provided with respective formations (9, 12; 15, 16) for mutual torsional coupling acting in the direction corresponding to the direction of unscrewing of said female luer lock connector (4-5) relative to a male luer lock connector.

2. Cannula as claimed in claim 1, wherein said formations include complementary lateral teeth sets (9, 12) formed respectively on the outer lateral wall of said hollow body (3) and on the inner lateral wall of said protection cap (2).

3. Cannula as claimed in claim 1, wherein said formations include complementary front teeth sets (15, 16) formed respectively in correspondence with said second end (8) of the hollow body (3) and on an inner annular flange (13) of said protection cap (2).

4. Cannula as claimed in claim 2, wherein said complementary teeth sets (9, 12; 15, 16) are so shaped as to torsionally couple said protection cap (2) and said hollow body (3) permanently in the aforesaid direction of rotation corresponding to the unscrewing of said female luer lock connector (4-5), and temporarily until a predetermined torque is reached in the opposite direction of rotation, thereby preventing screwing with excessive torque.

5. Cannula as claimed in claim 3, wherein said complementary teeth sets (9, 12; 15, 16) are so shaped as to torsionally couple said protection cap (2) and said hollow body (3) permanently in the aforesaid direction of rotation corresponding to the unscrewing of said female luer lock connector (4-5), and temporarily until a predetermined torque is reached in the opposite direction of rotation, thereby preventing screwing with excessive torque.

6. Cannula as claimed in claim 4, wherein said complementary teeth sets (9, 12; 15, 16) have substantially saw tooth shape.

7. Cannula as claimed in claim 5, wherein said complementary teeth sets (9, 12; 15, 16) have substantially saw tooth shape.

8. Cannula as claimed in claim 4, wherein said cap (2) is formed externally with manual actuation parts (10).

9. Cannula as claimed in claim 5, wherein said cap (2) is formed externally with manual actuation parts (10).